

[ACTIVE MATRIX OLED DRIVING CONTROL CIRCUIT CAPABLE OF DYNAMICALLY ADJUSTING WHITE BALANCE AND ADJUSTING METHOD THEREOF]

Abstract

An active matrix organic light emitting diode (AMOLED) driving control circuit with the capability of dynamically adjusting the white balance of an AMOLED display panel and the adjusting method thereof. A plurality of programmable voltage power sources generated by a programmable voltage power source generator is applied to drive the red, green and blue pixels within the AMOLED display panel. A white balance adjusting circuit is deployed to adjust the voltage value of the programmable voltage sources according to the degree of degradation of light emitting material.